

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Broadhead Creek Oil - Removal Polrep  
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region III

**Subject:** POLREP #8  
Final POLREP  
Broadhead Creek Oil  
  
Canadensis, PA  
Latitude: 41.1915423 Longitude: -75.2531785

**To:** John Codd, USCG  
Thomas Hartnett, PADEP  
R3 RRC, US EPA R3

**From:** Dominic Ventura, On Scene Coordinator

**Date:** 3/23/2020

**Reporting Period:** 12/13/19 - 03/20/20

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	Z3PM	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	OPA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>		<b>Start Date:</b>	2/25/2019
<b>Demob Date:</b>	1/29/2020	<b>Completion Date:</b>	3/20/2020
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>	E19306	<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Discharge of oil to Broadhead Creek .

#### 1.1.2 Site Description

The site originates from an approximately five acre property located at 1374 Route 390 in Canadensis, Pennsylvania. The property is located along the bank of Broadhead Creek and contains two buildings. One building was previously used for a restaurant and the other building (closest to creek) was used for a mix of residential and office space. Both buildings are now vacant. The residential/office building is located approximately 25 feet from Broadhead Creek.

##### 1.1.2.2 Description of Threat

Actual and threatened discharge of oil into Broadhead Creek, a direct tributary to the Delaware River.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Pennsylvania Department of Environmental Protection contacted EPA OSC Ventura on February 22, 2019 and requested assistance at the site. PADEP reported the incident to the National Response Center (NRC) the same day (NRC#1238372). PADEP reported that they received a report of a discharge of oil at the site on February 16, 2019 and had been responding to the discharge since that time.

OSC Ventura met representatives of Pennsylvania Department of Environmental Protection (PADEP) and Pennsylvania Fish and Boat Commission (PFBC) at the site on February 25, 2019. The OSC observed a substantial sheen in Broadhead creek along the bank of the property described above.

A 250 gallon above ground storage tank (AST) and 1,000 gallon underground storage tank (UST) were located directly in front of the residential/office building. The tank contained approximately 8 inches of oily sludge and water. A strong oil odor was evident throughout the residential home and oil staining was observed on the floors and walls of the basement. Oil soaked debris littered the floor of the basement. The UST was identified as a likely source of oil discharge. Based on initial site assessment, the OSC determined that there was a direct discharge of oil to the navigable waters of the United States.

See previous Polreps for additional information.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

- PADEP informed the OSC that the water sample they collected from well 4 did not contain any volatile organic compounds at concentrations exceeding PADEP cleanup standards. Based on this and no sheen being observed in the creek during four consecutive site visits, the OSC has determined that an actual or substantial threat of discharge of oil from the site to Broadhead Creek no longer exists.

- EPA and ERRS mobilized to/from the site on January 29, 2020 to conduct site closeout activities. ERRS removed the interceptor trench wells and filled holes with crushed stone. The surface of the area was graded and compacted.

- On January 29, 2020 one roll-off containing oil contaminated cleanup waste was transported off site for disposal as nonhazardous waste.

- All site work is now complete.

#### 2.1.2 Response Actions to Date

-On February 28, 2019 EPA mobilized ERRS personnel to begin maintaining absorbent boom at the site. ERRS contractors deployed hard boom in the creek on March 18 to better contain sheen and any free oil that may discharge. Maintenance of boom is ongoing. Excavation of the UST and cleanup of the basement were completed from March 5 through March 8, 2019.

- On March 29, 2019 EPA contractors installed 3 interceptor trenches at the property to recover oil before it reaches Broadhead Creek. Since that time contractor personnel have been visiting the site on a regular basis to change out boom in the interceptor trench and creek, as needed.

- As of November 26, 2019 no sheen had been observed in the creek for 4 consecutive and the OSC directed ERRS to remove absorbent boom from the creek.

See previous Polreps for additional information.

#### 2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

See previous Polreps for information related to PRPs.

#### 2.1.4 Progress Metrics

<i><b>Waste Stream</b></i>	<i><b>Medium</b></i>	<i><b>Quantity</b></i>	<i><b>Manifest #</b></i>	<i><b>Treatment</b></i>	<i><b>Disposal</b></i>
Oil Contaminated Soil and Debris	Soil and Debris	15 tons	7947669		Subtitle D Landfill
Oil Contaminated Soil and Debris	Soil and Debris	15 tons	7947670		Subtitle D Landfill
Oil Contaminated Soil and Debris	Soil and Debris	15 tons	7947671		Subtitle D Landfill

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

All site work is now complete

#### 2.2.1.1 Planned Response Activities

NA

#### 2.2.1.2 Next Steps

NA

### 2.2.2 Issues

## 2.3 Logistics Section

No information available at this time.

## 2.4 Finance Section

### 2.4.1 Narrative

On February 25, 2019, OSC Ventura obtained Oil Spill Liability Trust Fund (OSLTF) funding for \$50,000 to initiate assessment, mitigation, and cleanup actions at the site. The site ceiling was increased to \$75,000 on March 12, 2019, \$100,000 on March 21, 2019, and \$150,000 on April 15, 2019 to provide additional funding for ongoing activities.

### Estimated Costs \*

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$89,356.00	\$71,835.35	\$17,520.65	19.61%
TAT/START	\$10,063.00	\$8,540.00	\$1,523.00	15.13%
<b>Intramural Costs</b>				
USEPA - Direct	\$30,000.00	\$27,000.00	\$3,000.00	10.00%

USEPA - InDirect	\$20,581.00	\$17,000.00	\$3,581.00	17.40%
<b>Total Site Costs</b>	<b>\$150,000.00</b>	<b>\$124,375.35</b>	<b>\$25,624.65</b>	<b>17.08%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

## 2.5 Other Command Staff

No information available at this time.

## 3. Participating Entities

### 3.1 Unified Command

EPA and PADEP

### 3.2 Cooperating Agencies

PFBC

## 4. Personnel On Site

No information available at this time.

## 5. Definition of Terms

No information available at this time.

## 6. Additional sources of information

No information available at this time.

## 7. Situational Reference Materials

No information available at this time.